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Waste Site Reclassification Form

Date Submitted: 8/26/1999	Operable Unit(s): 200-CW-1	Control Number: 99-060
Originator: B. H. Ford	Waste Site ID: UPR-200-E-94	
Phone: 372-9176	Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Although historically the site has been identified as an unplanned release, the site was a large gravel pit used to decontaminate equipment. The site has since been obliterated by heavy construction in the area. It is no longer visible or marked. It is not separately identified from the stabilized 216-B-3 Ditches.

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Basis for reclassification:

A radiological survey done in 1981 (TS1 0980), using a Geiger Counter, reported contamination levels reading between 50 and 300 counts per minute, and one animal focus in the bottom of the gravel pit reading 9,000 counts per minute; no contaminated vegetation was found. In May 1984, the surface of the gravel pit was surveyed with a Geiger Counter and P-11 probe. The top layer of soil was moved in random locations to check for contamination under the surface. No contamination was identified and the area was released from radiological control. This effort occurred at the same time as the stabilization of the 216-B-3 Ditches.

<u>BRYAN L. FOLEY</u>	<u>Bryan L. Foley</u>	<u>1/26/00</u>
DOE Project Manager	Signature	Date
<u>Wayne Soper</u>	<u>Wayne Soper</u>	<u>2-10-00</u>
Ecology Project Manager	Signature	Date
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

1/26/2000

Site Code:	UPR-200-E-04	Site Classification:	Accepted	Page 1
Site Names:	UPR-200-E-04, Vehicle Decontamination Area, UN-216-E-22, UN-200-E-04			
Site Type:	Unplanned Release	Start Date:	1979	
Status:	Inactive	End Date:	1979	
Operable Unit:	200-CW-1	Coordinates:		
Hanford Area:	200E	(E)	575732.812	
		(N)	136850.406	
			Washington State Plane	
Site Description:	The site was a large gravel pit that was sometimes used to decontaminate equipment. The gravel pit had been posted with Surface Contamination Area (SCA) signs. The radiological posting was removed from the gravel pit in 1984. The gravel pit was obliterated by heavy construction equipment in the area during the stabilization of the 216-B-3-1 and 216-B-3-2 ditches. The gravel pit is no longer visible or marked.			
Location Description:	The site was located inside a gravel pit located north of the 216-B-3-1 Ditch. The 216-B-3-1 Ditch is located east of the 200 East Area perimeter fence.			
Process Description:	In 1970, the gravel pit was posted as a Radiation Zone and used to park regulated (contaminated) equipment during the decontamination of the 216-B-3-2 Ditch. It was used again in 1979 to decontaminate earth moving equipment that became contaminated by digging too close to the 216-A-24 Crib (see UPR-200-E-56). The gravel pit remained posted as a radiological area until 1984.			
Associated Structures:	The site is associated with UPR-200-E-56, 216-B-3-1 and 216-B-3-2.			
Site Comment:	A site evaluation form, completed by Harold Maxfield in September 1981, stated that the Hanford Site coordinates for the center of this site were N-43850, W-46450. A hand drawn sketch in RHO-CD-1048 shows the gravel pit's approximate size, shape and location. The gravel pit was obliterated by heavy equipment during the stabilization of the 216-B-3-1 and 216-B-3-2 Ditches in 1984.			
Cleanup Activities:	The radiologically posted borrow pit, located north of the 216-B-3-1 Covered Ditch, was assigned the Unplanned Release number of UN-216-E-22 on September 8, 1980. A radiological survey done in 1981 (T81-0980) reported contamination levels reading between 50 and 300 counts per minute with a Geiger Counter. One animal dropping found in the bottom of the gravel pit read 9000 counts per minute. It was collected as a sample and sent to the laboratory for analysis. No contaminated vegetation was identified.			
	In May 1984, the surface of the gravel pit was surveyed with a Geiger Counter and P-11 probe. The top layer of soil was moved in random locations to check for contamination under the surface. No contamination was identified and the area was released from radiological control. This effort occurred during the 216-B-3-1 and 216-B-3-2 Ditch stabilization activities.			
Release Description:	In June 1979, the Radiation Monitoring Department was informed that moisture was being encountered in the excavation east of the 200 East Area perimeter fence adjacent to the 216-A-24 Crib, where fill dirt was being obtained for the construction of the 241-AN Tank Farm (see Site Code UPR-200-E-56). Follow-up surveys revealed a maximum of 8,000 counts per minute beta/gamma contamination in the moisture, on the earth moving equipment and in the newly hauled-in soil around the new 241-AN Tank Farm. The contaminated equipment was taken to the large gravel pit north of the 216-B-3 Ditch Diversion Station, where it was decontaminated. The designation of the gravel pit as UPR-200-E-04 (also UN-216-E-22) is the result of the contamination residue on the bottom of the gravel pit, with beta/gamma activity reading 300 counts per minute.			
Environmental Monitoring Description:	Radiological surveys were done annually between 1981 and 1984.			
References:	1. R. D. Stenner, K. H. Cramer, D. A. Lamer, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-8456 Vol 1,2,3. 2. S.M. McKinney, 12/08/94, Status of Outdoor Radiological Contamination at the Hanford Site, WHC-SP-1149. 3. DeFord, D.H. and R. W. Carpenter, 5/95, PUREX Plant Aggregate Area Management Study Technical Baseline Report, BHI-00178. 4. 2/96, Hanford Federal Facility Agreement and Consent Order. Fifth and Sixth Amendment, 89-10, Rev 4. 5. H.L. Maxfield, 10-1-81, Comments on UN-216-E-22: Gravel Pit North of the 216-B-3 Diversion Station.			

Dimensions:

Length:	30.48 Meters	100.00 Feet
Width:	9.14 Meters	30.00 Feet
Depth / Height:	0.91 Meters	3.00 Feet

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamer, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-8456 Vol 1,2,3.

Regulatory Information:**Programmatic Responsibility**

DOE Program:	EM-40	Confirmed By Program:	Yes
DOE Division:	RPD - Restoration Projects Division		
Responsible Contractor/Subcontractor:	BHI, Bechtel Hanford, Inc.		

Site Evaluation

Solid Waste Management Unit:	No
TPA Waste Management Unit Type:	Unplanned Release Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency:	Ecology
Unit Category:	RCRA Past Practice (RPP)
TPA Appendix:	C

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Soil
Category:	Radioactive

Physical State:	Solid and liquid
Start Date:	1979
Description:	An earth moving vehicle was found to be contaminated with a maximum of 8000 counts per minute. Equipment decontamination efforts done in the gravel pit left a 300 counts per minute residue on the bottom of the pit. The waste was unknown beta and gamma contamination.
References:	1. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-8458 Vol 1,2,3.

Field Work:

Type: Site Walkdown

Begin Date: 07/30/1990 Field Crew: CR Webb

End Date: 07/30/1990

Purpose: verification

Comment: The UPR is not marked or posted.

Site Cover: Moderate Vegetation

Site Accessible: Yes Site Found: No

Soil Discoloration: No Debris Visible: No

Vegetation Type: Bunchgrasses

Comment: The stabilized ditches are posted as Underground Radioactive Material. The UPR is not marked or posted.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.

Type: Radiation Survey

Begin Date: 09/18/1981 Field Crew: SR Moore

End Date: 09/18/1981

Purpose: Environmental Radiation Survey

Radiation Survey Identification: T81-0980

Instrument: GM/P-11 Probe (15.5 sq cm) (Beta-Gamma)

Location Description: UN-216-E-22 (alias UPR-200-E-94)

Max Value: 300

Max Value Units: Counts Per Minute (c/m)

References:

Type: Radiation Survey

Begin Date: 05/01/1984 Field Crew: Bruce Markee

End Date: 05/01/1984

Purpose: Release Survey

Comment: Release Survey of UN-216-E-22 Gravel Pit. The top layer of soil was moved at random locations to check for underground contamination. No contamination was found.

Radiation Survey Identification: T84-0758

Instrument: GM/P-11 Probe (15.5 sq cm) (Beta-Gamma)

Location Description: UN-216-E-22

Max Value: 100

Max Value Units:

Counts Per Minute (c/m)

References:

Images:

Date Taken: 2/4/88

Pathname: \\bh002\lead-img\200E\1406\1406_01.JPG

Description: Photo shows stabilized 216-B-3-3 area

Date Taken: 7/30/89

Pathname: \\bh002\lead-img\200E\1406\1406_02.JPG

Description: Photo shows the stabilized west end of the 216-B-3 Ditches. The UPR is not separately marked or posted.